


- **8-49.** Factor each polynomial. [Homework Help](#) 

1. $x^2 - 64$
2. $y^2 - 6y + 9$
3. $4x^2 + 4x + 1$
4. $5x^2 - 45$

- **8-50.** Simplify each expression below. Your answer should contain no parentheses and no negative exponents. [Homework Help](#) 

1. $(-2/3x^5y^{1/3})^0$
2. $(25^{1/2}x^5)(4x^{-6})$
3. $5t^{-3}$
4. $(\frac{x^7y^3}{x})^{1/3}$